

Inductive Sensors
BES 517-223-M4-E
Order Code: BES020Z

BALLUFF

Interface

Cable fitting, thread size	M20x1.5
Switching output	NO/NC

Material

Housing material	PBT
Material sensing surface	PBT

Range/Distance

Assured operating distance Sa	16 mm
Hysteresis H max. (% of Sr)	20.0 %
Rated operating distance Sn	20 mm
Real switching distance sr	20 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	10 %
Tolerance Sr	±10 %

Mechanical data

Connection cross-section	2.5 mm ²
Dimension	120 x 40 x 40 mm
Installation	non-flush
Size	40x40
Tightening torque clamping screw	0.8 Nm

Remarks

Ta ≥ 25 °C... ≤ 70 °C: Ie= 250 - 1.6x(Ta-25)
 Programming of the switching function using internal switch: Position 1: NO (default)
 Position 2: NC
 Once the overload has been eliminated, interrupt operating voltage Vs for approx. 2 sec.
 NO/NC programmable.

Wiring Diagrams

